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ABSTRACT

This guide updates Brain and Behavior (TB 79-3). Not intended to be a comprehensive bibliography, this guide is designed--as the name of the series implies--to put the reader "on target." Sections include: (1) introductions to the topic; (2) subject headings used by the Library of Congress, under which books on the brain can be located in most card, book, CD-ROM, and online catalogs; (3) basic texts; (4) additional titles; (5) specialized titles; (6) titles suitable for younger readers; (7) history of brain research; (8) handbooks, dictionaries, and encyclopedias; (9) bibliographies; (10) conference proceedings and reviews; (11) government publications; (12) abstracting and indexing services that index relevant journal articles and other literature; (13) journals that often contain relevant articles on the brain; (14) representative journal articles; (15) reports and selected technical reports sold by the National Technical Information Service; (16) selected materials available in the Science Reading Room pamphlet boxes; and (17) additional sources of information. (KR)

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THE BRAIN Compiled by Hisako Halasz

December 1990

TB 90-10

SCOPE: This literature guide is intended primarily for the general reader who would like to catch a glimpse of recent research on the brain, the most complex of our bodily organs. The brain is literally the nerve center of the whole organism. Approaches to the study of the brain are many-faceted involving molecular, cellular, organ, behavioral, pathological, and computational levels. New techniques and tools have allowed researchers to explore these many layers. The joint congressional resolution designating the 1990s as the Decade of the Brain is expected to add impetus to the advancement of research in the field.

This guide updates Brain and Behavior (TB 79-3). Not meant to be a comprehensive bibliography, it is designed--as the name of the series implies--to put the reader "on target."

INTRODUCTIONS TO THE TOPIC

Kandel, Eric R. Brain and behavior. In Principles of neural science. Edited by Eric R. Kandel and James H. Schwartz. 2nd ed. New York, Elsevier, c1985. p. 3-12. QP355.2.P76 1985*

Nauta, Walle J. H., and Michael Feirtag. The organization of the brain. In The Workings of the brain: development, memory, and perception: readings from Scientific American magazine. Edited by Rodolfo R. Llinás. New York, W. H. Freeman, c1990. p. 17-36. QP376.W84 199011*

Originally appeared in Scientific American, v. 241, Sept. 1979: 88-90, 92, 96, 98-100, 102-111. T1.S5

Nervous system and the brain. In Van Nostrand's scientific encyclopedia. Douglas M. Considine, editor. 7th ed. v. 2. New York, Van Nostrand Reinhold, c1989. p. 1947-1962. Q121.V3 1989*

*Available in reference collection, Science Reading Room

SUBJECT HEADINGS used by the Library of Congress, under which books on the brain can be located in most card, book, and online catalogs, include the following:

BRAIN (Highly relevant)

See also subdivisions under BRAIN, e.g.,

BRAIN--ANATOMY

BRAIN--DISEASES

BRAIN--DRUG EFFECTS⁺

BRAIN--EFFECTS OF DRUGS ON

BRAIN--LOCALIZATION OF FUNCTIONS

BRAIN--RESEARCH

See also subject headings for parts or individual structures of the brain, e.g.,

CEREBELLUM

FRONTAL LOBES

HIPPOCAMPUS

NEOCORTEX

RETICULAR FORMATION

SUBSTANTIA NIGRA

TELENCEPHALON

THALAMUS

See also subject headings for activities of the brain, e.g.,

ATTENTION

COGNITION

HEARING

LEARNING

MEMORY

PERCEPTION

SLEEP

SPEECH AND LANGUAGE

VISION

See also subject headings for pathological conditions of the brain, e.g.,

ALZHEIMER'S DISEASE

AMNESIA

AUTISM

BRAIN DAMAGE

BRAIN-DAMAGED CHILDREN

DYSLEXIA

EPILEPSY

MEMORY, DISORDERS OF

MINIMAL BRAIN DYSFUNCTION

PARKINSONISM

SLEEP DISORDERS

BRAIN CHEMISTRY (Relevant)

BLOOD-BRAIN BARRIER (Relevant)

CEREBRAL DOMINANCE (Relevant)

SPLIT BRAIN (Relevant)

CENTRAL NERVOUS SYSTEM (More general)

MIND AND BODY (More general)

⁺National Library of Medicine subject heading that appears on some online records

NEUROANATOMY (More general)
 NEUROCHEMISTRY (More general)
 NEUROENDOCRINOLOGY (More general)
 NEUROLOGY (More general)
 NEUROPHYSIOLOGY (More general)
 NEUROPSYCHIATRY (More general)
 NEUROPSYCHOLOGY (More general)

BASIC TEXTS

- Bloom, Floyd E., and Arlyne Lazerson. Brain, mind, and behavior. 2nd ed. New York, Freeman, c1988. 394 p. QP360.B585 1988*
 Accompanied by a complete set of instructional supplements, prepared by Timothy J. Teyler, Northeastern Ohio College of Medicine, for the text and the television series, "The Brain."
 Bibliography: p. 367-378.
- The Brain. Alexandria, Va., Time-Life Books, c1990. 144 p. QP376.B6953 1990*
- The Brain: a user's manual. The Diagram Group. New and expanded ed. New York, Putnam, c1987. 208 p. QP376.B6958 1987*
- Clarke, K. A. Neurophysiology: applications in the behavioural and biomedical sciences. Chichester, Eng., E. Horwood; New York, Halsted Press, 1989. 150 n. QP356.C53 1989
 Includes bibliographical references: p. 142-145.
- Gilling, Dick, and Robin Brightwell. The human brain. New York, Facts on File, 1982. 191 p. QP376.G5 1982
 Bibliography: p. 188-189.
- Restak, Richard M. The brain. Toronto, New York, Bantam Books, 1984. 371 p. QP376.R46 1984
 Bibliography: p. 363-364.
- The Science of mind. Edited by Kenneth A. Klivington. Cambridge, Mass., MIT Press, 1989. 239 p. QP376.S39 1989*
 French ed. published by Editions Hologramme, France, under the title Enigmes du cerveau.

ADDITIONAL TITLES

- Bergland, Richard. The fabric of mind. Ringwood, Vic., Australia, New York, Penguin Books, 1985. 202 p. QP376.B525 1985
 Bibliography: p. 179-194.
- The Biology of the brain: from neurons to networks: readings from Scientific American. Edited by Rodolfo R. Llinás. New York, Freeman, 1989. 170 p. QP376.B623 1989
 Collection of articles previously published in Scientific American, 1977-88.
 Bibliography: p. 163-165.
- The Brain, cognition, and education. Edited by Sarah L. Friedman, Kenneth A. Klivington, Rita W. Peterson. Orlando, Academic Press, 1986. 385 p. BF311.B68 1986
 Includes bibliographies.

Eccles, John C. Evolution of the brain: creation of the self. London, New York, Routledge, 1989. 282 p. QP376.E258 1989
Bibliography: p. 246-269.

Glees, Paul. The human brain. Cambridge, Eng., New York, Cambridge University Press, 1988. 204 p. QP376.G5513 1988*
Bibliography: p. 183-194.
Revised and translated ed. of Das menschliche Gehirn.

Mind and behavior: readings from Scientific American. With introductions by Rita L. Atkinson, Richard C. Atkinson. San Francisco, W. H. Freeman, c1980. 289 p. BF149.M49
Bibliography: p. 275-279.

Progress in neuroscience. With introductions by Richard F. Thompson. New York, Freeman, c1986. 151 p. QP376.P75 1986
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Bibliography: p. 144-146.

Rose, Steven P. R. The conscious brain. Rev. ed. New York, Paragon House, c1989. 463 p. QP376.R68 1988
Bibliography: v. 426-448.

Thompson, Richard Frederick. The brain: an introduction to neuroscience. New York, W. H. Freeman, c1985. 363 p. QP376.T48 1985
Includes bibliographies.

SPECIALIZED TITLES

Andreasen, Nancy C. The broken brain: the biological revolution in psychiatry. New York, Harper & Row, c1984. 278 p. RC455.4.B5A53 1984

Beaton, Alan. Left side, right side: a review of laterality research. New Haven, Yale University Press, 1986, c1985. 364 p. QP385.5.B43 1986*
Bibliography p. 294-359.

Cook, Norman D. The brain code: mechanisms of information transfer and the role of the corpus callosum. London, New York, Methuen, 1986. 256 p. QP382.2.C66 1986
Bibliography: p. 237-250.

Essentials of neuropsychological assessment. Lawrence C. Hartlage, Michael J. Asken, J. Larry Hornsby, editors. New York, Springer Pub. Co., c1987. 237 p. RC386.6.N48E87 1987
Includes bibliographies.

Hubel, David H. Eye, brain, and vision. New York, Scientific American Library; distributed by W. H. Freeman, c1988. 240 p. (Scientific American Library series, no. 22) QP383.H83 1988
Bibliography: p. 225-227.

Lurija, A. R. The man with a shattered world: the history of a brain wound. Translated from the Russian by Lynn Solotaroff; with a foreword by Oliver Sacks. Cambridge, Mass., Harvard University Press, c1987. 165 p. RD594.Z38L8713 1987
Translation of Poteriannyi i vozvrashchennyi mir.
1972 edition also is available in LC as RD156.L8813.

Neuropsychology and aging: definitions, explanations, and practical approaches.
 Edited by Una Holden. New York, New York University Press, 1988. 226 p.
 Includes bibliographies. RC451.4.A5N47 1988

Poizner, Howard, Edward S. Klima, and Ursula Bellugi. What the hands reveal about
 the brain. Cambridge, Mass., MIT Press, c1987. 236 p. RC387.5.P65 1987
 Bibliography: p. 217-225.

Snyder, Solomon H. Drugs and the brain. New York, Scientific American Books;
 distributed by W. H. Freeman, c1986. 228 p. (Scientific American Library series,
 no. 18) RM315.S58 1986
 Includes bibliographies.

Young, J. Z. Philosophy and the brain. Oxford, New York, Oxford University Press,
 c1987. 233 p. QP360.Y68 1987
 Bibliography: p. 217-224.

Some works are published as a part of series. Examples of such series titles are given below.

Experimental brain research series.	Call number for each volume varies
International Brain Research Organization monograph series.	Call number for each volume varies
James Arthur lecture on the evolution of the human brain.	Call number for each volume varies
Nutrition and the brain.	QP376.N86*
Progress in brain research.	Call number for each volume varies
Studies of brain function.	Call number for each volume varies

TITLES SUITABLE FOR YOUNGER READERS

Asimov, Isaac. How did we find out about the brain? Illustrated by Erika W. Kors.
 New York, Walker, 1987. 61 p. QP376.A828 1987
 Traces the development of scientific knowledge about the brain and how it
 works.

August, Paul Nordstrom. Brain function. New York, Chelsea House, c1988. 123 p.
 Bibliography: p. 112-113. QP376.A94 1988
 Explains how the human brain works with various regions of the central
 nervous system and how psychoactive drugs may alter their normal functions.

Corrick, James A. The human brain: mind and matter. New York, Arco, c1983.
 192 p. QP376.C658 1983
 Explores such topics as intelligence and memory, sleep, brain waves, right/left
 coordination, pain, biofeedback, phrenology, memory transplants, psychic powers,
 and brain research and technology.

Edelson, Edward. Nutrition and the brain. New York, Chelsea House, c1988. 105 p.
 QP376.E33 1988
 An analysis of how and why the types of foods we eat can affect normal brain
 functioning. Also discusses how diets can be manipulated to alter mental and
 emotional states in human beings.

Kettelkamp, Larry. The human brain. Hillside, N.J., Enslow Publishers, c1986. 96 p. QP376.K395 1986
Describes the anatomy and operations of the brain and aspects such as memory, biofeedback, and brain surgery.

Silverstein, Alvin, and Virginia Silverstein. World of the brain. Illustrated by Warren Budd. New York, W. Morrow, c1986. 197 p. QP376.S593 1986
Describes the physical structure and functions of the brain and the nervous system. Also discusses various mental disorders, their causes, and their treatment.

HISTORY OF BRAIN RESEARCH

Brazier, Mary Agnes Burniston. A history of neurophysiology in the 17th and 18th centuries: from concept to experiment. New York, Raven Press, c1984. 230 p. QP353.B73 1984
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Includes bibliographies.

Clarke, Edwin, and Kenneth Dewhurst. An illustrated history of brain function. Oxford, Sandford Publications, 1972. 154 p. QP385.C58*
Bibliography: p. 144-148.

Harrington, Anne. Medicine, mind, and the double brain: a study in nineteenth-century thought. Princeton, N.J., Princeton University Press, c1987. 336 p. QP385.5.H37 1987
Bibliography: p. 31-328.

Jeannerod, Marc. The brain machine: the development of neurophysiological thought. Translated by David Union. Cambridge, Mass., Harvard University Press, c1985. 171 p. QP376.J413 1985
Translation of Le cerveau-machine.
Bibliography: p. 149-168.

Jerison, Harry J. Evolution of the brain and intelligence. New York, Academic Press, 1973. 482 p. QP376.J45*
Bibliography: p. 435-456.

Memory in historical perspective: the literature before Ebbinghaus. Douglas J. Herrmann, Roger Chaffin, editors. New York, Springer-Verlag, c1988. 254 p. BF371.H48 1988
Bibliography: p. 236-241.

Meyer, Alfred Charles. Historical aspects of cerebral anatomy. London, New York, Oxford University Press, 1971. 230 p. QL933.M48
Bibliography: p. 173-216.

Star, Susan Leigh. Regions of the mind: brain research and the quest for scientific certainty. Stanford, Calif., Stanford University Press, 1989. 278 p. QP385.S66 1989
Bibliography: p. 241-269.

Stevens, Leonard A. Explorers of the brain. New York, Knopf, 1971. 348 p. QP376.S8 1971*
Bibliography: p. 331-348.

HANDBOOKS, DICTIONARIES, AND ENCYCLOPEDIAS

Encyclopedia of neuroscience. Edited by George Adelman; foreword by Francis O. Schmitt. Boston, Birkhäuser, 1987. 2 v. RC334.E53 1987*

Includes bibliographies.

The following titles have been excerpted from this work:

Abnormal states of brain and mind. 120 p. RC341.A26 1989

Learning and memory. 96 p. QP408.L43 1989

Sensory systems. 2 v. QP431.S457 1988

Speech and language. 73 p. P132.S64 1989

States of brain and mind. 130 p. QP360.S73 1988

Goodwin, Diana M. A dictionary of neuropsychology. New York, Springer-Verlag, c1989. 325 p. QP360.G66 1989*

Includes bibliographical references.

Handbook of biological psychiatry. Edited by Herman M. van Praag; associate editors, Malcolm H. Lader, Ole J. Rafaelson, Edward J. Sachar. New York, M. Dekker, c1979-81. 6 v. (Experimental and clinical psychiatry, v. 1) RC455.4.B5H35

Includes bibliographies.

See particularly pt. 2, Brain mechanisms and abnormal behavior--psycho-physiology; pt. 3, Brain mechanisms and abnormal behavior--genetics and neuro-endocrinology; and pt. 4, Brain mechanisms and abnormal behavior--chemistry.

Handbook of neuropsychology. v. 1- Amsterdam, New York, Elsevier, 1988- RC343.H225 1988*
Editors vary for each vol.
Includes bibliographies.

Handbook of physiology: a critical, comprehensive presentation of physiological knowledge and concepts. Section 1. The nervous system. Bethesda, Md., American Physiological Society, 1977-87. QP6.H25 1977, section 1*

Includes bibliographies.

Contents: v. 1. Cellular biology of nervous system.--v. 2. Motor control.--v. 3. Sensory processes.--v. 4. Intrinsic regulatory systems of the brain.--v. 5. Higher functions of the brain.

The Neuropsychology handbook: behavioral and clinical perspectives. Danny Wedding, Arthur MacNeill Horton, Jr., Jeffrey Webster, editors. New York, Springer, c1986. 592 p. QP360.N4945 1986

Includes bibliographies.

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Bartone, John C. Drug effects on memory: medical subject analysis with research bibliography. Washington, ABBE Publishers, c1987. 149 p. Z7204.M4B37 1987

Dingwall, William Orr. Language and the brain: a bibliography and guide. New York, Garland Pub., 1981. 2 v. (1017 p.) (Garland reference library of social science, v. 73) Z6663.B8D56 1981

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Fisher, Dennis F., Jerry J. Jarombek, and Robert Karsh. Short-term memory (1958-1973): an annotated bibliography. Aberdeen Proving Ground, Md., U.S. Army Human Engineering Laboratory, 1974. 401 p. Z7204.M4F58 1974

Smith, Andrew J. K., and J. Kiffin Penry. Brain death: a bibliography with key-word and author indexes. Bethesda, Applied Neurologic Research Branch, National Institute of Neurological Diseases and Stroke, 1972. 30 p. (NINDS bibliography series, no. 1) (DHEW publication no. (NIH) 73-347) QP87.S53

CONFERENCE PROCEEDINGS AND REVIEWS

The Brain-mind problem: philosophical and neurophysiological approaches. Edited by Balázs Gulyás. Leuven, Netherlands, Leuven University Press; Assen, Van Gorcum, c1987. 119 p. (Louvain philosophical studies, 1) QP360.B725 1987

Papers delivered at a symposium held April 18-19, 1986, and sponsored by the Centre for Logic and Philosophy of Science and the Department [of] Brain and Behaviour Research of the Catholic University of Leuven.

Includes bibliographies.

Contents: Creutzfeldt, Otto D. Inevitable deadlocks of the brain-mind discussion.--Eccles, Sir John C. The effect of silent thinking on the cerebral cortex.--Szentágothai, János. The brain-mind relationship.

Cerebral dominance: the biological foundations. Edited by Norman Geschwind and Albert M. Galaburda. Cambridge, Mass., Harvard University Press, 1984. 232 p. Includes bibliographies. QP385.5.C46 1984

Cognitive neurochemistry. Edited by S. M. Stahl, S. D. Iversen, and E. C. Goodman. Oxford, New York, Oxford University Press, 1987. 395 p. RC394.C64C6 1987

Based on the proceedings of a symposium held in Oct. 1986 to celebrate the opening of the Clinical Neuroscience Research Unit of the Neuroscience Research Centre established by Merck Sharp & Dohme Research Laboratories at Harlow, UK.

Includes bibliographies.

Contemporary reviews in neuropsychology. Harry A. Whitaker, editor. New York, Springer-Verlag, c1988. 172 p. QP360.C663 1988
Includes bibliographies.

Dahlem Workshop on Neurobiology of Neocortex, Berlin, 1987. Neurobiology of neocortex: report of the Dahlem Workshop on Neurobiology of Neocortex, Berlin, 1987 May 17-22. P. Rakic and W. Singer, editors. Chichester, Eng., New York, Wiley, 1988. 461 p. (Life sciences research report, 42)

QP383.12.D35 1987

"Sponsored by Senat der Stadt Berlin, Stifterverband für die Deutsche Wissenschaft."

Includes bibliographies.

Language, communication, and the brain. Editor, Fred Plum. New York, Raven Press, c1988. 294 p. (Association for Research in Nervous and Mental Disease. Research publications, v. 66) RC423.L333 1988

Based on the 66th Annual Meeting of the Association for Research in Nervous and Mental Disease, held Dec. 5-6, 1986, in New York City.

Includes bibliographies.

GOVERNMENT PUBLICATIONS

Impacts of neuroscience. Washington, Congress of the U.S., Office of Technology Assessment; U.S. Govt. Print. Off., 1984. 36 p. QP356.I45 1984
"OTA-BP-BA-24"
Includes bibliographical references.

The Neurological bases of language disorders in children: methods and directions for research: a symposium held at the National Institutes of Health, Jan. 16-17, 1978. Christy L. Ludlow and Mary Ellen Doran-Quine, editors. Bethesda, Md., U.S. Dept. of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke; Washington, U.S. Govt. Print. Off., 1980. 196 p. (NINCDS monograph, no. 22) (NIH publication, no. 79-440) RJ496.L35N48
Includes bibliographies.

Neuroscience methods in drug abuse research. Editors, Roger M. Brown, David P. Friedman, Yuth Nimit. Rockville, Md., U.S. Dept. of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Drug Abuse. Washington, U.S. Govt. Print. Off., 1985. 151 p. (NIDA research monograph, 62) (DHHS publication, no. (ADM) 85-1415) RC564.N48 1985
Includes bibliographies.

The Neuroscience of mental health: a report on neuroscience research: status and potential for mental health and mental illness from panels of scientists representative of contributing disciplines. Rockville, Md., U.S. Dept. of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health, 1984. 77 p. (DHHS publication, no. (ADM) 84-1363) QP356.N4833 1984

Opioids in the hippocampus. Editors, Jacqueline F. McGinty, David P. Friedman. Rockville, Md., U.S. Dept. of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute on Drug Abuse; Washington, U.S. Govt. Print. Off., distributor, 1988. 151 p. (NIDA research monograph, 82) (DHHS publication, no. (ADM) 88-1568) QP383.25.O65 1988
Includes bibliographies.

Prenatal and perinatal factors associated with brain disorders. John M. Freeman, editor. Bethesda, Md., National Institute of Child Health and Human Development, National Institute of Neurological and Communicative Disorders and Stroke, U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, 1985. 449 p. (NIH publication, no. 85-1149) RC570.P684 1985
Includes bibliographies.

ABSTRACTING AND INDEXING SERVICES that index relevant journal articles and other literature on the brain are listed below. Use terms of your choice in searching (for example, terms in the list of subject headings on p. 2.)
The following indexes are available in most public and college libraries:

Applied Science & Technology Index (1913-) Z7913.I7*
Biological & Agricultural Index (1916-) Z5073.A46*
General Science Index (1978-) Z7401.G46*
Magazine Index (1980-) Available in several formats in LC
Readers' Guide to Periodical Literature (1900-) AI3.R45

The following abstracting and indexing services, which should be used for more exhaustive searches, may be available only in large or specialized libraries.

Biological Abstracts (1926-) QH301.B37*
Index Medicus (1960-) Z6660.I42*
Psychological Abstracts (1927-) BF1.P65*
Science Citation Index (1961-) Z7401.S365*

JOURNALS⁺⁺ that often contain relevant articles include the following:

American Scientist LJ85.S502
BioScience QH1.A277
Discover Q1.D57
JAMA R15.A48
New England Journal of Medicine R11.B7
New Scientist Q1.N52
Science Q1.S35
Scientific American T1.S5

The following journals contain articles of a specialized and technical nature:

Annual Review of Neuroscience QP351.A68
Behavioral Neuroscience BF1.B39
Brain RC321.B79
Brain and Cognition QP376.B69595
Brain and Language RC423.A1B68
Brain Research Bulletin QP376.B725
Brain, Behavior and Evolution QL750.B48
Brain, Behavior, and Immunity QP356.47.B73
Developmental Neuropsychology uncataloged in N&CPR
International Journal of Neuroscience QP351.I775
Journal of Neurochemistry QP351.J57
Journal of Neuroscience QP351.J65
Journal of Neuroscience Research QP351.J64
Neuropsychologia RC321.N435
Neuropsychiatry, Neuropsychology, and Behavioral Neurology uncataloged in N&CPR
Neuroscience QP351.N43
Neuroscience and Biobehavioral Reviews QP360.B55

REPRESENTATIVE JOURNAL ARTICLES

Angier, Natalie. Storming the wall: blood-brain barrier. *Discover*, v. 11, May 1990: 66-72. Q1.D57

Brown, Phyllida. Brain diseases may be triggered by toxins in food. *New scientist*, v. 126, June 9, 1990: 36. Q1.N52

Glickstein, Mitchell. The discovery of the visual cortex. *Scientific American*, v. 259, Sept. 1988: 118-119, 122-127. Q1.S35

Holloway, Marguerite. Profile: vive la difference; Doreen Kimura plumbs male and female brains. *Scientific American*, v. 263, Oct. 1990: 40, 42. T1.S5

⁺⁺Latest issues of titles in the first group are available in the Science Reading Room

- Hopson, Janet L. A pleasurable chemistry. *Psychology today*, v. 22, July-Aug. 1988: 29-30, 32-33. BF1.P855
- Marx, Jean. Fetal nerve grafts show promise in Parkinson's. *Science*, v. 247, Feb. 2, 1990: 529. Q1.S35
- Pennisi, Elizabeth. Neurobiology gets computational. *BioScience*, v. 39, May 1989: 283-287. QH1.A277
- Positron emission tomography--a new approach to brain chemistry. *JAMA*, v. 260, Nov. 11, 1988: 2704-2710. R15.A48
"From the Council on Scientific Affairs, American Medical Association, Chicago."
- Tulving, Endel. Remembering and knowing the past. *American scientist*, v. 77, July/Aug. 1989: 361-367. LJ85.S502
- Zametkin, Alan J., and others. Cerebral glucose metabolism in adults with hyperactivity of childhood onset. *New England journal of medicine*, v. 323, Nov. 15, 1990: 1361-1366. R11.B7

REPORTS and other types of literature are indexed in the following guides: search under terms of your choice.

Government Reports Announcements & Index (1946-) Z7916.G78*
Monthly Catalog of United States Government Publications (1895-) Z1223.A18*

SELECTED TECHNICAL REPORTS, sold by the National Technical Information Service, Springfield, Virginia 22161, include the following:

- Barrett, Ernest S., and Glenn F. Wilson. Topographic mapping of brain activity. Galveston, Tex., Dept. of Psychiatry and Behavioral Sciences, University of Texas Medical Branch, October 1987. 86 p. (AAMRL-TR-87-069) AD-A204 056**
- Comer, Dominique, and Jean-Claude Baron. Positron emission tomography studies in the normal and abnormal aging of human brain. Gif-sur-Yvette, France, Commissariat a l'energie atomique, Centre d'Etudes Nucleaires de Saclay, Dept. de Biologie, 1987. 13 p. (DE88-754046) CEA-CONF-9349**
"Presented at the WHO International Workshop on Epidemiology of Mental and Neurological Disorders in the Elderly, Beijing, 16-20 November 1987."
- Cooper, Leon N. Future of brain and information research. Providence, R.I., Center for Neural Science, Brown University, May 11, 1987. 44 p. AD-A180 410**
"Presented at the symposium honoring the 40th anniversary of the Office of Naval Research."
- Hand, James D. Split-brain theory and recent results in brain research: implications for the design of instruction. Debuque, Iowa, Kendall/Hunt Pub. Co., 1984. 11 p. ED298 900**
"Chapter 12 of Instructional development: the state of the art, v. 1."
- Posner, Michael I., and Steven E. Petersen. The attention system of the human brain. St. Louis, Mo., Dept. of Neurology, Washington University, Feb. 28, 1989. 25 p. AD-A206 437**

SELECTED MATERIALS available in the Science Reading Room pamphlet boxes include:

Andreasen, Nancy C. Brain imaging: applications in psychiatry. *Science*, v. 239, Mar. 18, 1988: 1381-1388.

Approaching the 21st century: opportunities for NIMH neuroscience research. Rockville, Md., U.S. Dept. of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health, 1988. 105 p. (DHHS publication, no. (ADM) 89-1580)

Brain and cognition: some new technologies. Daniel Druckman and John I. Lacey, editors. Washington, National Academy Press, 1989. 78 p.

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Includes bibliographical references.

ADDITIONAL SOURCES OF INFORMATION

National Brain Research Association
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Telephone: (202) 331-8445

Parents and friends of children with brain disorders. Provides a network of support for parents.

For the names and addresses of other relevant organizations and research projects, consult the Encyclopedia of Associations (AS22.E5*) and Research Centers Directory (AS25.D5*) under such keywords as Brain and Neurosciences.